

MAGNUS CHEMICAL COMPANY
608 SOUTH AVENUE
GARWOOD BORO, UNION COUNTY, NJ 07027
EPA ID NO. NJD980530265

The Magnus Chemical Company began operations at 608 South Avenue, Garwood Boro, Union County, New Jersey in approximately 1939. The company manufactured specialty detergents and industrial cleaning compounds. Magnus was acquired by Economics Laboratory Inc. of St. Paul, Minnesota in 1964. In 1971 the facility was closed, the manufacturing equipment was removed and the site was remodeled. According to the facility's Notification of Hazardous Waste Sites Form (USEPA Form 8900-1), hazardous wastes, including organics, inorganics and solvents were stored on site in underground storage tanks. The specific chemicals and the processes used could not be determined from this investigation because so little information exists on file and because numerous telephone calls to Economics Laboratory, Inc. offices failed to reveal which office had managed the site.

The site is located in a small industrial complex known as Bell Factory Terminal. The surrounding area is commercial and densely populated residential. Bell Factory Terminal consists of several buildings housing a variety of businesses. Number 608 South Avenue is currently a vacant office located within a large building. North Jersey Express Trucking Company (610 South Ave.) and Charter Tool Company (624 South Ave.) are also located in the building. Apparently the building was subdivided after Magnus was closed. It could not be determined if Magnus had occupied the other buildings in the complex also.

According to the facility's Notification of Hazardous Waste Sites Form (USEPA Form 8900-1), hazardous wastes were stored in several underground storage tanks with a combined storage capacity of approximately 50,000 gallons. The tanks may have contained caustic liquid potash, fuel oil, gresylic acid and kerosene. There were no documented releases from these tanks. The tanks were never pressure tested or visually checked for leaks so the potential exists per soil and ground water contamination. The tanks were supposedly filled with sand during the renovation in 1971.

There are no chemical releases documented at the site, but because Magnus Chemical Company had existed before the implementation of environmental regulations, the potential exists that poor chemical handling practices may have resulted in releases to the soil and groundwater.

A railroad siding exists to the north of the property that connects with and parallels the active Conrail tracks. The siding is no longer in use at the site, but was probably used in the past to ship raw materials and products. The siding is not paved, as is the rest of the site, and again based on the age of the company, the potential exists that poor chemical handling practices may have resulted in releases to the soil and groundwater.



Site specific hydrogeological data is unavailable, but based upon a review of USGS maps and charts it was determined that the hydrogeology of the area is characterized by two zones of saturation, an unconsolidated water bearing zone occurring in 17 to 37 feet of glacial deposits, and a regional groundwater system. The regional groundwater system, the Brunswick Formation consists of fractured shale bedrock with a high secondary porosity. The two zones may be hydraulically connected, with the unconsolidated zone acting to recharge the bedrock aquifer. Groundwater in the unconsolidated zone most likely flows to the northwest. Depth to groundwater is unknown. The Rahway River is located approximately 1.5 miles to the east.

Potable water is provided by the Elizabethtown Water Company. The water company operates two well fields, the Hummock Well Field and the Springfield Well Field, located in Union Township, both within three miles of the Magnus Site. The wells draw water from the Brunswick Formation.

Because the potential existed for chemical spillage, and because of the limited information available on the site, the Magnus Chemical Company has been assigned a Medium priority for Site Inspection (SI). However, the SI has already been conducted by NUS Corporation for USEPA on March 14, 1983. The SI assigned the site a medium priority for further action because of the unknown status of the underground storage tanks.

To properly delineate any contamination that may exist on site, a soil boring and analysis program should be initiated, focusing on the railroad siding and underground storage tanks. The soil samples should be analyzed for full priority pollutant parameters. Then, depending on the results of the soil sampling program, the ground water should be analyzed for the same parameters.

Submitted by:

Donna L. Gaffigan, HSMS III
Bureau of Planning and Assessment
September 1987

Hours Worked: 25



Preliminary Assessment

Magnus Chemical Company

608 South Avenue

Garwood, Union County, New Jersey 07027

EPA ID No. NJD980530265



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 1 - SITE INFORMATION AND ASSESSMENT

1. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. SITE NAME AND LOCATION

01 SITE NAME (Agency, contractor, or designating name of site) Magnus Chemical Company	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 608 South Avenue
03 CITY Garwood Boro.	04 STATE 05 ZIP CODE 06 COUNTY 07 COUNTY CODE 08 CONG DIST NJ 07027 Union 20
09 COORDINATES LATITUDE LONGITUDE 40°39'02"N 74°19'56"W	Block: 21 Lot: 1 1.2 acres

10 DIRECTIONS TO SITE (Starting from nearest public road)

Garden State Parkway North to exit 137. Turn right after exit onto North Avenue (Route 28). Turn left at first traffic light, then turn right at next traffic light onto South Avenue. Site is located in Bell Factory Terminal.

III. RESPONSIBLE PARTIES

01 OWNER (if agency) current owner Alfred Piscitelli (ACP Trust)	02 STREET (Business, mailing, residential) 1610 Vaux Hall Road
03 CITY Union Township	04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER NJ 07027 (201) 688-5312
07 OPERATOR (if agency and different from owner) 608 South Avenue is a vacant office	08 STREET (Business, mailing, residential)
09 CITY	10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER ()
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN	

14 OPERATOR NOTIFICATION ON PRELIMINARY ASSESSMENT

☐ A. RCRA 3001 DATE RECEIVED: MONTH DAY YEAR ☐ B. UNCONTROLLED WASTE SITE (RCRA 103(a)) DATE RECEIVED: MONTH DAY YEAR ☒ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 4-7-83 <input type="checkbox"/> NO	02 Check all that apply <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: (Agency) CONTRACTOR NAME(S): NUS
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03 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	04 YEARS OF OPERATION 1939 present UNKNOWN Beginning Year Ending Year
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05 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED

Five underground storage tanks remain in place but are not in use. The tanks may have contained, caustic liquid potash, fuel oil, cresylic acid and kerosene.
Att: 2

06 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION

Since the integrity of the underground tanks is unknown, the potential exists for soil and groundwater contamination.
Att: 1,2,3

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one: High or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Remedial Action) <input type="checkbox"/> A. HIGH <input checked="" type="checkbox"/> B. MEDIUM <input type="checkbox"/> C. LOW <input type="checkbox"/> D. NONE (Indicate reason for priority) (Indicate reason) (Indicate on the assessment table) (Indicate further action needed, complete current assessment table)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Diana Messina	02 OF (Agency/Organization) USEPA, Surveillance and Monitoring	03 TELEPHONE NUMBER 201 321-6686
04 PERSON RESPONSIBLE FOR ASSESSMENT Donna L. Gaffigan	05 AGENCY NJDEP	06 ORGANIZATION BPA
	07 TELEPHONE NUMBER 609 1984-3239	08 DATE 9/10/87 MONTH DAY YEAR

**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 2 - WASTE INFORMATION**

IDENTIFICATION

31 STATE	02 SITE NUMBER
NJ	D980530265

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS	
1. Name of waste	2. EPA Identification Number
3. Description of waste	4. Quantity of waste
5. Date of waste	6. Characteristic of waste
7. Location of waste	8. Date of waste
9. Name of waste	10. EPA Identification Number
11. Description of waste	12. Quantity of waste
13. Date of waste	14. Characteristic of waste
15. Location of waste	16. Date of waste
17. Name of waste	18. EPA Identification Number
19. Description of waste	20. Quantity of waste
21. Date of waste	22. Characteristic of waste
23. Location of waste	24. Date of waste
25. Name of waste	26. EPA Identification Number
27. Description of waste	28. Quantity of waste
29. Date of waste	30. Characteristic of waste
31. Location of waste	32. Date of waste
33. Name of waste	34. EPA Identification Number
35. Description of waste	36. Quantity of waste
37. Date of waste	38. Characteristic of waste
39. Location of waste	40. Date of waste
41. Name of waste	42. EPA Identification Number
43. Description of waste	44. Quantity of waste
45. Date of waste	46. Characteristic of waste
47. Location of waste	48. Date of waste
49. Name of waste	50. EPA Identification Number
51. Description of waste	52. Quantity of waste
53. Date of waste	54. Characteristic of waste
55. Location of waste	56. Date of waste
57. Name of waste	58. EPA Identification Number
59. Description of waste	60. Quantity of waste
61. Date of waste	62. Characteristic of waste
63. Location of waste	64. Date of waste
65. Name of waste	66. EPA Identification Number
67. Description of waste	68. Quantity of waste
69. Date of waste	70. Characteristic of waste
71. Location of waste	72. Date of waste
73. Name of waste	74. EPA Identification Number
75. Description of waste	76. Quantity of waste
77. Date of waste	78. Characteristic of waste
79. Location of waste	80. Date of waste
81. Name of waste	82. EPA Identification Number
83. Description of waste	84. Quantity of waste
85. Date of waste	86. Characteristic of waste
87. Location of waste	88. Date of waste
89. Name of waste	90. EPA Identification Number
91. Description of waste	92. Quantity of waste
93. Date of waste	94. Characteristic of waste
95. Location of waste	96. Date of waste
97. Name of waste	98. EPA Identification Number
99. Description of waste	100. Quantity of waste
101. Date of waste	102. Characteristic of waste
103. Location of waste	104. Date of waste
105. Name of waste	106. EPA Identification Number
107. Description of waste	108. Quantity of waste
109. Date of waste	110. Characteristic of waste
111. Location of waste	112. Date of waste
113. Name of waste	114. EPA Identification Number
115. Description of waste	116. Quantity of waste
117. Date of waste	118. Characteristic of waste
119. Location of waste	120. Date of waste
121. Name of waste	122. EPA Identification Number
123. Description of waste	124. Quantity of waste
125. Date of waste	126. Characteristic of waste
127. Location of waste	128. Date of waste
129. Name of waste	130. EPA Identification Number
131. Description of waste	132. Quantity of waste
133. Date of waste	134. Characteristic of waste
135. Location of waste	136. Date of waste
137. Name of waste	138. EPA Identification Number
139. Description of waste	140. Quantity of waste
141. Date of waste	142. Characteristic of waste
143. Location of waste	144. Date of waste
145. Name of waste	146. EPA Identification Number
147. Description of waste	148. Quantity of waste
149. Date of waste	150. Characteristic of waste
151. Location of waste	152. Date of waste
153. Name of waste	154. EPA Identification Number
155. Description of waste	156. Quantity of waste
157. Date of waste	158. Characteristic of waste
159. Location of waste	160. Date of waste
161. Name of waste	162. EPA Identification Number
163. Description of waste	164. Quantity of waste
165. Date of waste	166. Characteristic of waste
167. Location of waste	168. Date of waste
169. Name of waste	170. EPA Identification Number
171. Description of waste	172. Quantity of waste
173. Date of waste	174. Characteristic of waste
175. Location of waste	176. Date of waste
177. Name of waste	178. EPA Identification Number
179. Description of waste	180. Quantity of waste
181. Date of waste	182. Characteristic of waste
183. Location of waste	184. Date of waste
185. Name of waste	186. EPA Identification Number
187. Description of waste	188. Quantity of waste
189. Date of waste	190. Characteristic of waste
191. Location of waste	192. Date of waste
193. Name of waste	194. EPA Identification Number
195. Description of waste	196. Quantity of waste
197. Date of waste	198. Characteristic of waste
199. Location of waste	200. Date of waste
201. Name of waste	202. EPA Identification Number
203. Description of waste	204. Quantity of waste
205. Date of waste	206. Characteristic of waste
207. Location of waste	208. Date of waste
209. Name of waste	210. EPA Identification Number
211. Description of waste	212. Quantity of waste
213. Date of waste	214. Characteristic of waste
215. Location of waste	216. Date of waste
217. Name of waste	218. EPA Identification Number
219. Description of waste	220. Quantity of waste
221. Date of waste	222. Characteristic of waste
223. Location of waste	224. Date of waste
225. Name of waste	226. EPA Identification Number
227. Description of waste	228. Quantity of waste
229. Date of waste	230. Characteristic of waste
231. Location of waste	232. Date of waste
233. Name of waste	234. EPA Identification Number
235. Description of waste	236. Quantity of waste
237. Date of waste	238. Characteristic of waste
239. Location of waste	240. Date of waste
241. Name of waste	242. EPA Identification Number
243. Description of waste	244. Quantity of waste
245. Date of waste	246. Characteristic of waste
247. Location of waste	248. Date of waste
249. Name of waste	250. EPA Identification Number

01 WASTE STATES (Cause of this report) 01 PHYSICAL STATES (Cause of this report) <input checked="" type="checkbox"/> A. SOLID <input type="checkbox"/> E. SLURRY <input type="checkbox"/> B. POWDER, FINES <input checked="" type="checkbox"/> F. LIQUID <input type="checkbox"/> C. SLOGE <input type="checkbox"/> G. GAS <input type="checkbox"/> D. OTHER _____ (Specify)		02 WASTE QUANTITY AT SITE (Measure of waste quantity must be determined) TONS _____ CUBIC YARDS _____ NO. OF DRUMS _____	03 WASTE CHARACTERISTICS (Cause of this report) <table border="0"> <tr> <td> <input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> D. PERSISTENT </td> <td> <input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input checked="" type="checkbox"/> G. FLAMMABLE <input checked="" type="checkbox"/> H. IGNITABLE </td> <td> <input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE </td> </tr> </table>	<input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input checked="" type="checkbox"/> G. FLAMMABLE <input checked="" type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE
<input checked="" type="checkbox"/> A. TOXIC <input type="checkbox"/> B. CORROSIVE <input type="checkbox"/> C. RADIOACTIVE <input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> E. SOLUBLE <input type="checkbox"/> F. INFECTIOUS <input checked="" type="checkbox"/> G. FLAMMABLE <input checked="" type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> I. HIGHLY VOLATILE <input type="checkbox"/> J. EXPLOSIVE <input type="checkbox"/> K. REACTIVE <input type="checkbox"/> L. INCOMPATIBLE <input type="checkbox"/> M. NOT APPLICABLE				

HIL WASTE TYPE

01 CATEGORY	02 SUBSTANCE NAME	03 GROSS AMOUNT	04 UNIT OF MEASURE	05 COMMENTS
SLJ	SLUDGE			
CLW	CLAY WASTE	unknown		info from map
SOL	SOLVENTS	unknown		info from EPA Form 8900-1
PSD	PESTICIDES			
OCG	OTHER ORGANIC CHEMICALS	unknown		info from EPA Form 8900-1
IOC	INORGANIC CHEMICALS	unknown		info from EPA Form 8900-1
ACS	ACIDS	unknown		info from Map
SBS	BASES	unknown		info from Map
HMS	HEAVY METALS			

V. HAZARDOUS SUBSTANCES. See Appendix of 1984 Highway Code CAS Materials.

[illegible]

Y FEEDSTOCKS (see Appendix for CAS numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (See instructions on page 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844,

Att: 1,2 USEPA, Surveillance and Monitoring Branch, Edison, New Jersey



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1 IDENTIFICATION

01 STATE 02 SITE NUMBER

NJ D980530265

1. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

The potential for groundwater contamination exists due to potential leakage from underground storage tanks or poor handling practices

Attachment: 1,2,3

01 ☐ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ C. CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

~~01 ☐ E. DIRECT CONTACT~~

~~03 POPULATION POTENTIALLY AFFECTED: _____~~

~~04 NARRATIVE DESCRIPTION~~

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☒ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

The potential for soil contamination exists due to potential leakage from the underground storage tanks or poor handling practices.

Attachment: 1,2,3

01 ☐ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

Drinking water contamination is unlikely because the nearest well field is approximately 3 miles from the site and draws from deep in the Brunswick formation.

01 ☐ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ K DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include number of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ L CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

There is no potential for food chain contamination because the site is located in an urbanized area.

01 ☒ M UNSTABLE CONTAINMENT OF WASTES
(Leak, rupture, cracking, erosion, missing drums)
03 POPULATION POTENTIALLY AFFECTED: _____
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED

The structured integrity of the underground storage tanks is not known.

01 ☐ N DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

No potential exists because hazardous wastes or chemicals have not been used at the site since 1971.

01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

File review did not indicate that an illegal/unauthorized dumping problem existed.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

None documented.

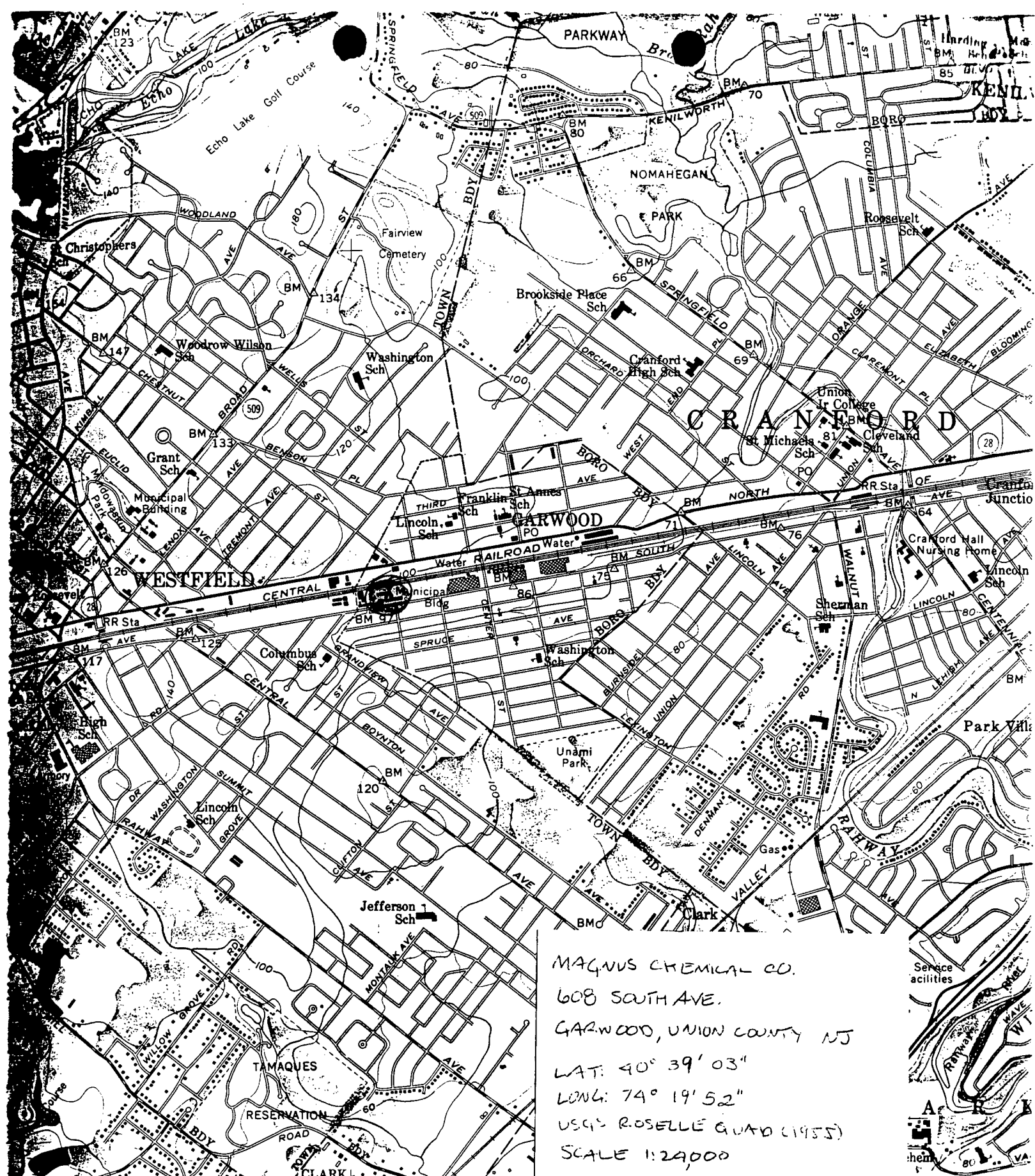
III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

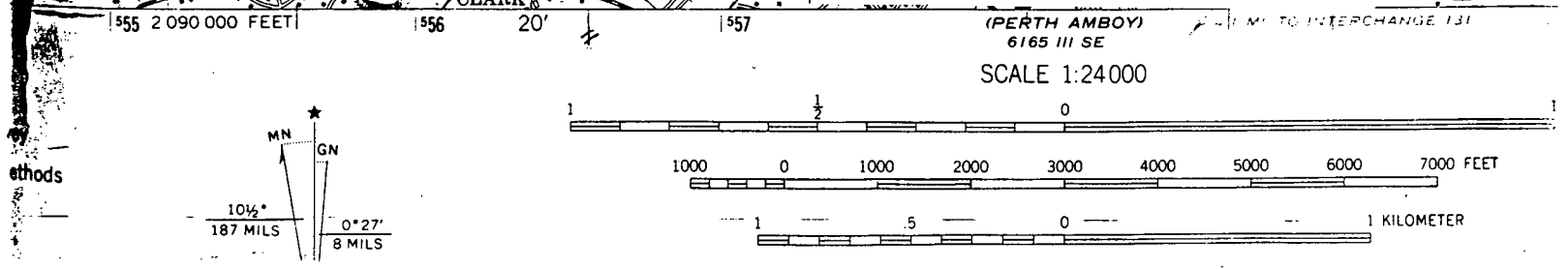
Very little is on file for the site, but the potential for contamination from past practices exists.

V. SOURCES OF INFORMATION (List sources, references, etc. in this space. Letters should be identified)

Att: 1,2,3 USEPA, Surveillance and Monitoring Branch, Edison, New Jersey



MAGNUS CHEMICAL CO.
 608 SOUTH AVE.
 GARWOOD, UNION COUNTY NJ
 LAT: 40° 39' 03"
 LONG: 74° 19' 52"
 USGS ROSELLE QUAD (1955)
 SCALE 1:24,000





ECONOMICS LABORATORY, INC.
OSBORN BUILDING, ST. PAUL, MINNESOTA 55102

NJS 00001038

LAW DEPARTMENT

June 5, 1981

TELEPHONE: (612) 293-2233
TWX: (910) 563-3739
TELEX: 297427

10 JUN 1981

Writer's Direct Dial Number:

(612) 293-2283

CERTIFIED MAIL

United States Environmental
Protection Agency Region 2
Sites Notification
New York, New York 10007

Re: Superfund Notification Under Section 103(c)

Gentlemen:

In accordance with the notification requirements of Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (Superfund), we enclose one Notification of Hazardous Waste Site form relating to a former Economics Laboratory plant site in Garwood, New Jersey.

If you have any questions regarding the filing of this notification form, please contact the undersigned at the address indicated above.

Very truly yours,

ECONOMICS LABORATORY, INC.

Janice Mileo
Janice Mileo
Attorney

JM:mb

Enclosure

cc: D. R. Rodel

Attachment 1

EPA Notification of Hazardous Waste Site

En.
Agen.
Washing.

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

810605

NJS 000 001 000

10 JUN 1981

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Economics Laboratory, Inc.
Street Osborn Building, 370 Wabasha
City St. Paul State MN Zip Code 55102

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Magnus Chemical Co. Plant
Street 608 South Avenue
City Garwood County Union State NJ Zip Code 07027

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Mileo, Janice - Attorney
Phone (612) 293-2283

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1964 To (Year) 1971

See Section I Below.

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:
Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☒ Organics
2. ☒ Inorganics
3. ☒ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:
Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☒ Other (Specify)

(Specialty date
agents and individuals
cleaning compounds, 400

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:
EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site located.

Place an X in the appropriate box to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

- Facility Type
- ☐ Piles
 - ☐ Land Treatment
 - ☐ Landfill
 - ☒ Tanks
 - ☐ Impoundment
 - ☐ Underground Injection
 - ☐ Drums, Above Ground
 - ☐ Drums, Below Ground
 - ☒ Other (Specify) Possible leakage from underground storage tanks

Total Facility Waste
cubic feet Unknown
gallons _____
Total Facility Area
square feet See Section I Below
acres _____

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

☐ Known ☐ Suspected ☐ Likely ☒ Non
*To the best of our knowledge

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

Section D - Dates of Waste Handling:
Economics Laboratory acquired Magnus Chemical Company in 1964 and operated the plant site from 1964-1971. Magnus Chemical Company operated the site for approximately 25 years prior to that time.

Section F - Total Facility Area:
The underground storage tanks in question are located under a parking lot of approximately 10,000 square feet on the plant site. The tanks had, to the best of our recollection, a total storage capacity of approximately 50,000 gallons.)

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

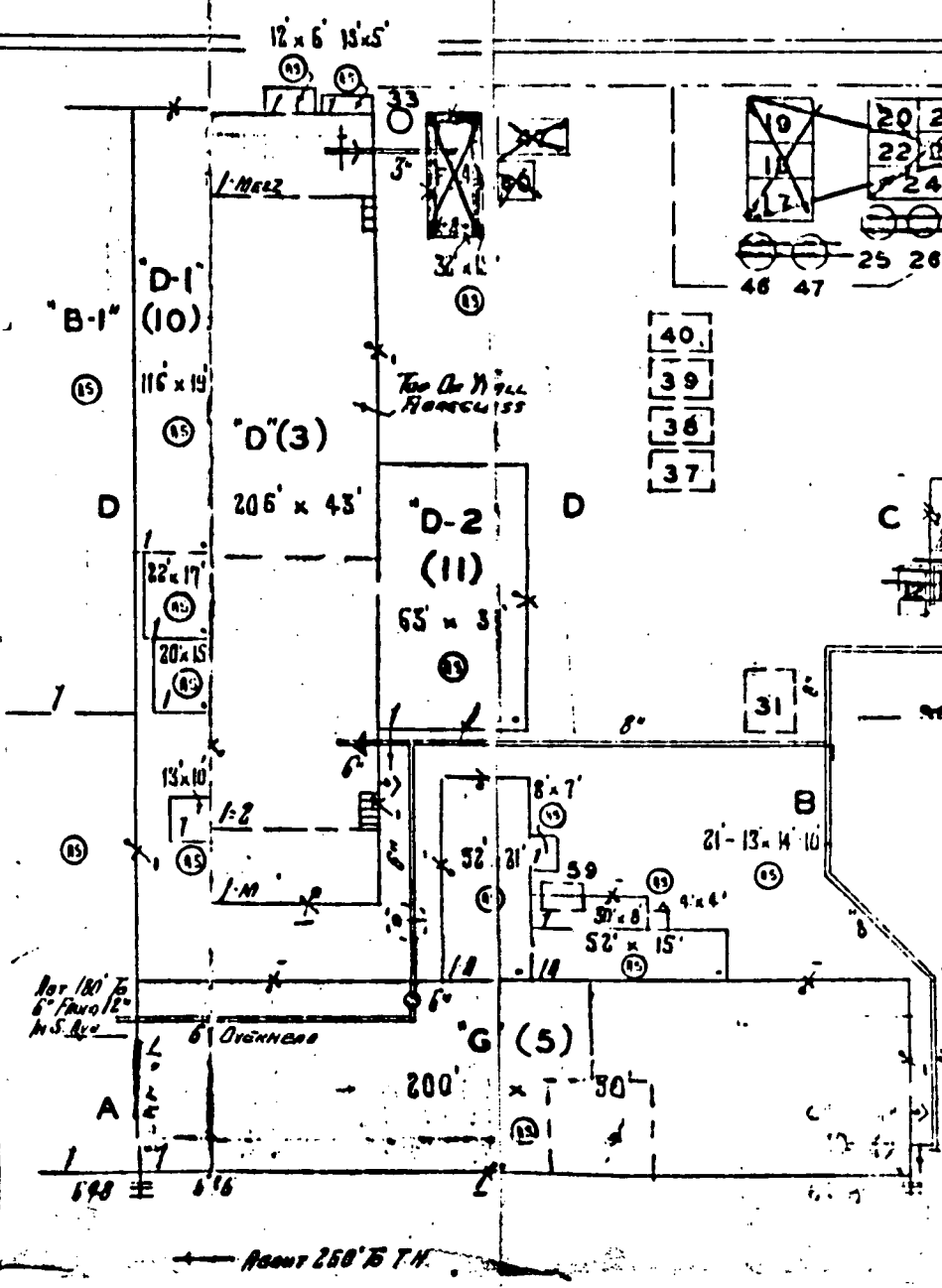
Name Economics Laboratory, Inc.
Donald R. Rodel - Vice President,
Street Osborn Building, 370 Wabasha
City St. Paul MN Zip Code 55102

- ☐ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☒ Operator, Past
☐ Other

4/5/81

S E C T. D - D

Tank Nos	CAPACITY	NOTE
10 ✓	1000 GALS	NAPHOL SPIRITS
11 ✓	6000 "	46 MINO. SPIRITS
12 ✓	" "	ISOPHAR H
17 ✓	10,000 "	FUEL OIL No. 2
18 ✓	" "	SUPER MAGNUSOL
19 ✓	" "	" "
20 ✓	5000 "	MOODGOL No. 30
21 ✓	" "	No. 798
22 ✓	" "	HEAVY AROMATIC NAPHTHA
23 ✓	" "	" " "
24 ✓	10,000 "	MAGNUSOL X-4
25 ✓	5200 "	MINERAL SEAL OIL
26 ✓	" "	215-D
27 ✓	5000 "	ISOPAR K
30 ✓	10,000 "	No. 755
31 ✓	10,575 "	CAUSTIC LIQUID POTASH
33 ✓	8000 "	EMPTY
37 ✓	10,000 "	FUEL OIL
38 ✓	" "	CHRYLIC ACID 55A
39 ✓	" "	" " "
40 ✓	" "	KEROSENE
41 ✓	" "	CORAY 40
43 ✓	" "	MIXING TANK
44 ✓	" "	PINE OIL
45 ✓	" "	UNING DI CHLOROMERENE
46 ✓	" "	" " "
47 ✓	9,900 "	SULPHURIC ACID
54 ✓	1500 "	FUEL OIL
60 ✓	5000 "	PHOSPHORIC ACID
63 ✓	10,000 "	CAUSTIC SODA Lp. 50%
65 ✓	1,800 "	EMPTY



From EPA Files

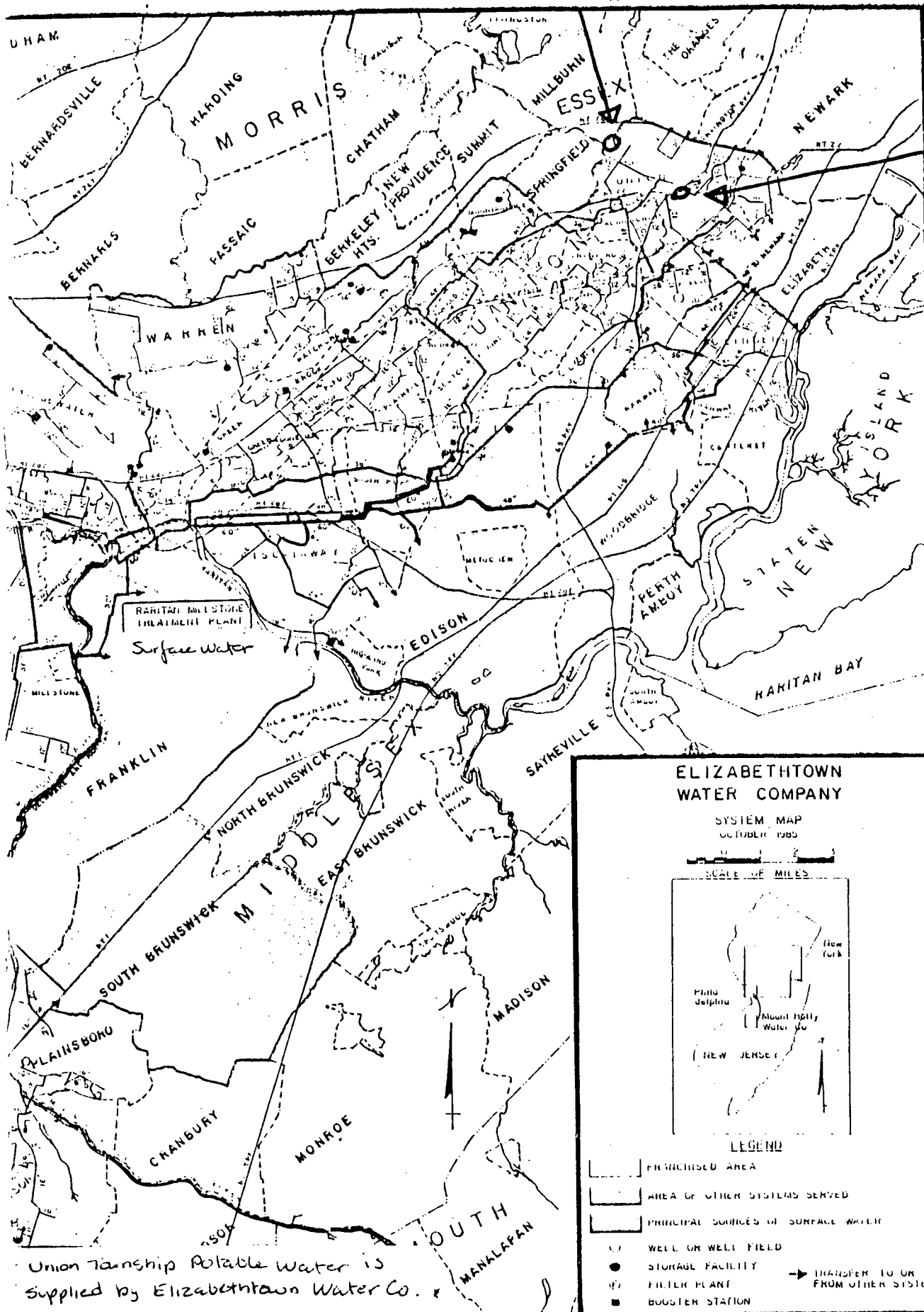
CONFIDENTIAL INFORMATION
Only for members and subscribers or their authorized employees. Reports or plans shall not be copied nor otherwise reproduced and shall not be given to anyone other than those authorized to use them.

Attachment 2

MAGNUS CHEMICAL.

1. 17.83 = Called JANICE MILED, ATTORNEY for ECONOMICS LABORATORY, OREGON. SHE INFORMED ME THAT MAGNUS CHEMICAL WAS BOUGHT OUT BY ECONOMICS LABORATORY. EL SUBSEQUENTLY DISCONTINUED OPERATION AT MAGNUS CHEMICAL LOCATION AND SOLD PROPERTY. THE STORAGE TANKS IN QUESTION WERE FILLED WITH SAND.
2. 24 & 25. 83 = CALLED OWNER, BELL FACTORY TERMINAL LEFT MESSAGE.
2. 28. 83 = WINDSHIELD SURVEY. DISCOVERED EXACT LOCATION AND SURROUNDING PROPERTY USE. LOT 8 & 9E LOOKS LIKE AN ABANDONED WAREHOUSE. ADJOINING BUILDING IS NORTH JERSEY EXPRESS; CHARTER TOOL COMPANY; and a WOODWORKING FACILITY. NO EVIDENCE OF DRUMS, TANKS, OR DEBRIS.
3. 1. 83 - SET UP SITE VISIT WITH MR. PRISCATELLI for THURSDAY 3.3.83.
- 3.3.83 - MARTIN O'NEILL & JOHN GREIS WENT TO 608 SOUTH AVE. 3.3.83 at 1:30. Mr. PRISCATELLI DID NOT SHOW UP.
- 3.4.83 - Martin O'NEILL & John Greis inspected SITE with Mr. Chuck PRISCATELLI.

Springfield Well Field



Hummucks
Well
Field

Union Township Potable Water is
supplied by Elizabethtown Water Co.

Attachment

4

as per conversation with Mr. Fred York 9/15/87 (201) 354-4444

NUS

POTENTIAL HAZARDOUS WASTE SITE

EXECUTIVE SUMMARY

Magnus Chemical Co.	NJD980530265
Site Name	EPA Site ID Number
605 South Avenue	02-8301-34
Garwood, NJ 07027	
Address	TDD Number

Date of Site Visit: 3/4/83

SITE DESCRIPTION The site is currently a subleased warehouse with various tenants. None of the tenants handle or store hazardous wastes. The facility was the location of Magnus Chemical Company from 1939-1971, and manufactured specialty detergents and industrial cleaning compounds. During these years of operation, there were 31 above and below ground storage tanks on site. In 1971 the property was sold and renovated. The renovation included elimination of all the storage tanks with the exception of four or five underground tanks.

PRIORITY FOR FURTHER ACTION: High Medium x Low

RECOMMENDATIONS

Since the contents and integrity of the underground storage tanks is not known, the potential for groundwater contamination exists. It is recommended that the existing tanks be sampled, and the tanks structural integrity be determined.

Prepared by: Martin J. O'Neill
of NUS Corporation

Date: April 20, 1983

<div style="display: inline-block; text-align: center;"> POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT PART 1 - SITE LOCATION AND INSPECTION INFORMATION </div>		I. IDENTIFICATION	
		01 STATE NJ	02 SITE NUMBER D980530265
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) Magnus Chemical Co.		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 608 South Avenue	
03 CITY Garwood	04 STATE NJ	05 ZIP CODE 07027	06 COUNTY Union
09 COORDINATES 40° 39' 02" N 74° 19' 56" W		10 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN	
III. INSPECTION INFORMATION			
01 DATE OF INSPECTION 3 / 4 / 83 <small>MONTH DAY YEAR</small>	02 SITE STATUS <input type="checkbox"/> ACTIVE <input checked="" type="checkbox"/> INACTIVE	03 YEARS OF OPERATION 1939 1971 UNKNOWN <small>BEGINNING YEAR ENDING YEAR</small>	
04 AGENCY PERFORMING INSPECTION (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <u>NUS Corp FIT II</u> <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER			
05 CHIEF INSPECTOR Martin J. O'Neill	06 TITLE Ecologist	07 ORGANIZATION NUS	08 TELEPHONE NO. 201' 225-6160
09 OTHER INSPECTORS John J. Grellis	10 TITLE Geologist	11 ORGANIZATION NUS	12 TELEPHONE NO. 201' 225-6160
			()
			()
			()
			()
13 SITE REPRESENTATIVES INTERVIEWED Charles Piscitelli	14 TITLE Warehouse	15 ADDRESS ACP Trust	16 TELEPHONE NO. (201) 789-0270
	Manager	P.O. Box 222	()
		Garwood, NJ 07207	()
			()
			()
			()
17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	18 TIME OF INSPECTION 10:15 AM	19 WEATHER CONDITIONS Sunny, 43°F, breezy	
IV. INFORMATION AVAILABLE FROM			
01 CONTACT Mark Haulenbeek	02 OFF (Agency, Organization) EPA Region II, Edison, NJ		03 TELEPHONE NO. 201' 321-6885
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM Martin J. O'Neill	05 AGENCY NUS	06 ORGANIZATION FIT II	07 TELEPHONE NO. 201 225-6160
08 DATE 3 / 14 / 83 <small>MONTH DAY YEAR</small>			



☐ A. TOXIC ☐ E SOLUBLE ☐ I. HIGHLY VOLATILE
☐ B. CORROSIVE ☐ F. INFECTIOUS ☐ J. EXPLOSIVE
☐ C. RADIOACTIVE ☐ G. FLAMMABLE ☐ K. KETONE
☐ D. PERSISTENT ☐ H. IGNITABLE ☐ L. INCOMPATIBLE
☐ unknown ☐ M. NOT APPLICABLE

EPA FORM 2070-13(7-81)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D980530265

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 27,000 04 NARRATIVE DESCRIPTION

No recorded history, potential cannot be discounted without knowing contents and condition of underground storage tanks.

01 ☐ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No recorded history. Surface run-off does enter storm drains located on site.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No recorded history; no potential exists.

01 ☐ D. FIRE EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No recorded history; no potential exists.

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No recorded history. No potential exists for direct contact due to the fact that the unknown, possibly hazardous material is contained in four or five underground storage tanks.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 3 (Acres) 04 NARRATIVE DESCRIPTION

No recorded history. Potential cannot be discounted without knowing the integrity and contents of the underground storage tanks.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 27,000 04 NARRATIVE DESCRIPTION

Potential cannot be discounted without knowing contents and integrity of underground storage tanks. The nearest community well is 2 miles to the NW. The nearest industrial well is 0.5 miles to the east along South Ave.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

No recorded history.

01 ☒ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 27,000 04 NARRATIVE DESCRIPTION

Without knowing the content and condition of the underground storage tanks, the potential for groundwater contamination cannot be discounted. The surrounding area is serviced by Elizabethtown Water Co. which draws 4/5 of the daily usage from a pumping station along the Raritan River in Bound Brook. 1/5 of the daily water usage is drawn from various ground-



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No recorded history, no potential exists. Potentially hazardous material is contained in four or five underground storage tanks.

01 ☐ K. DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

No recorded history, no potential exists. Potentially hazardous material is contained in 4 or 5 underground storage tanks.

01 ☐ L. CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No recorded history; no potential exists.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
(Spills, Runoff, Standing liquids, Leaking drums) 27,000 04 NARRATIVE DESCRIPTION

The integrity and content of existing underground storage tanks are not known. The tanks were installed sometime between 1939-1964.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

None observed, no recorded history.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☐ OBSERVED (DATE: _____) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

Surface runoff does enter the storm sewers which are located in the site.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No recorded history; potential does exist due to the fact that the property is easily accessible. Warehouses on site are locked and equipped with security systems.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

None

III. TOTAL POPULATION POTENTIALLY AFFECTED: 27,000

IV. COMMENTS

The site was the location of Magnus Chemical Co. which operated from 1939-1964. In 1964, Magnus Chemical was acquired by Economics Laboratory of St. Paul Minnesota. Economics Laboratory operated the facility from 1964 to 1971 for the manufacturing of specialty detergents and

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis, reports)

industrial cleaning compounds.

NUS FIT II Site Inspection 3/4/83
EPA Region II FIT Files, Edison, NJ

During this time there were approximately 31 (see attached sheet)

103C Form
Interview with Charles Piscitelli, Warehouse Manager for ACP Trust, the

Part 3 - Description of Hazardous Conditions and Incidents

IV. Comments: (continued)

Storage tanks, both above and below ground. The capacities of these tanks ranged from 1000 gallons to 10,000 gallons. The contents of these tanks were of various natures. In 1971, Economics Laboratory dissolved Magnus Chemical Company, and sold the property to the Bell Factory Terminal, Garwood, NJ.

According to Charles Piscitelli, who worked for the Bell Factory terminal on the renovation of 608 South Avenue in 1971, all of the tanks on the property except four or five of the underground storage tanks were removed. In 1975, 608 South Avenue was sold by the Bell Factory terminal to ACP Trust. The site is currently owned by ACP Trust and subleased to various companies. None of the current tennant's handle or store any hazardous materials other than fuel oil. Four or five underground storage tanks still remain on the site. According to Charles Piscitelli, Warehouse Manager for ACP Trust, the integrity and content of these four or five underground tanks are not known. There were no above ground tanks or drums observed during the NUS FIT II Site Inspection, 3/4/83.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D980530265

II. PERMIT INFORMATION None

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input type="checkbox"/> G. STATE (Specify)				
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	8 warehouses
<input type="checkbox"/> C. DRUMS, ABOVE GROUND			<input type="checkbox"/> C. CHEMICAL PHYSICAL	
<input type="checkbox"/> D. TANK, ABOVE GROUND			<input type="checkbox"/> D. BIOLOGICAL	06 AREA OF SITE
<input checked="" type="checkbox"/> E. TANK, BELOW GROUND	5x10,000	gallons	<input type="checkbox"/> E. WASTE OIL PROCESSING	1/3 (Acres)
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER (Specify)	
<input type="checkbox"/> I. OTHER (Specify)				

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)	Unknown		
<input type="checkbox"/> A. ADEQUATE, SECURE	<input type="checkbox"/> B. MODERATE	<input type="checkbox"/> C. INADEQUATE, POOR	<input type="checkbox"/> D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

There are 4 or 5 underground storage tanks on site. The age, integrity and contents of the tanks are unknown. At one time the contents of the tanks in question were as follows: One 10,000 gallon tank of caustic liquid potash; one 10,000 gallon tank of fuel oil; two 10,000 gallon tanks of cresylic acid 554; one 10,000 gallon tank of kerosene.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
02 COMMENTS		

Wastes in underground storage tanks.

VI. SOURCES OF INFORMATION (See specific references, e.g. State files, sample analysis, reports)

NUS FIT II Site Inspection, 3/4/83
Interview with Charles Piscitelli, Warehouse Manager, ACP Trust, the current owner.
Site plan for Bell factory terminal by J.D. Armstrong Nov. 4, 1968 and updated by A. Lee, June 18, 1976.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)	02 STATUS	03 DISTANCE TO SITE																	
<table><tr><td>SURFACE</td><td>WELL</td></tr><tr><td>COMMUNITY A. <input checked="" type="checkbox"/></td><td>B. <input checked="" type="checkbox"/></td></tr><tr><td>NON-COMMUNITY C. <input type="checkbox"/></td><td>D. <input checked="" type="checkbox"/></td></tr></table>	SURFACE	WELL	COMMUNITY A. <input checked="" type="checkbox"/>	B. <input checked="" type="checkbox"/>	NON-COMMUNITY C. <input type="checkbox"/>	D. <input checked="" type="checkbox"/>	<table><tr><td>ENDANGERED</td><td>AFFECTED</td><td>MONITORED</td></tr><tr><td>A. <input type="checkbox"/></td><td>B. <input type="checkbox"/></td><td>C. <input checked="" type="checkbox"/></td></tr><tr><td>D. <input type="checkbox"/></td><td>E. <input type="checkbox"/></td><td>F. <input type="checkbox"/></td></tr></table>	ENDANGERED	AFFECTED	MONITORED	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input checked="" type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	<table><tr><td>A. 2.0 (mi)</td></tr><tr><td>B. .5 (mi)</td></tr></table>	A. 2.0 (mi)	B. .5 (mi)
SURFACE	WELL																		
COMMUNITY A. <input checked="" type="checkbox"/>	B. <input checked="" type="checkbox"/>																		
NON-COMMUNITY C. <input type="checkbox"/>	D. <input checked="" type="checkbox"/>																		
ENDANGERED	AFFECTED	MONITORED																	
A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input checked="" type="checkbox"/>																	
D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>																	
A. 2.0 (mi)																			
B. .5 (mi)																			

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)				
<input type="checkbox"/> A. ONLY SOURCE FOR DRINKING <input checked="" type="checkbox"/> B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL IRRIGATION (No other water sources available)				
<input type="checkbox"/> C. COMMERCIAL, INDUSTRIAL IRRIGATION (Limited other sources available) <input type="checkbox"/> D. NOT USED, UNUSEABLE				
02 POPULATION SERVED BY GROUND WATER 27,000		03 DISTANCE TO NEAREST DRINKING WATER WELL 2 (mi)		
04 DEPTH TO GROUNDWATER 35 (ft)	05 DIRECTION OF GROUNDWATER FLOW SE	06 DEPTH TO AQUIFER OF CONCERN 40 (ft)	07 POTENTIAL YIELD OF AQUIFER 3.6x10 ⁵ (gpd)	08 SOLE SOURCE AQUIFER <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings) There are two community wells located 2 miles to the NW of the site on Breeze Noll Road, in Mountainside. Only one well is utilized at a time, and they pump 250 gal per minute. The depth of the wells are 500 ft. The industrial well is located 0.5 miles to the east of the site along South Avenue in Garwood, NJ				
10 RECHARGE AREA <input checked="" type="checkbox"/> YES COMMENTS <input type="checkbox"/> NO		11 DISCHARGE AREA <input type="checkbox"/> YES COMMENTS <input checked="" type="checkbox"/> NO		

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)		
<input checked="" type="checkbox"/> A. RESERVOIR, RECREATION DRINKING WATER SOURCE <input type="checkbox"/> B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES <input type="checkbox"/> C. COMMERCIAL, INDUSTRIAL <input type="checkbox"/> D. NOT CURRENTLY USED		
02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER		
NAME:	AFFECTED	DISTANCE TO SITE
Rahway River	<input type="checkbox"/>	1.5 (mi)
Arthur Kill	<input type="checkbox"/>	7.8 (mi)
	<input type="checkbox"/>	

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN			02 DISTANCE TO NEAREST POPULATION
ONE (1) MILE OF SITE A. 42,000 NO. OF PERSONS	TWO (2) MILES OF SITE B. 70,000 NO. OF PERSONS	THREE (3) MILES OF SITE C. 144,000 NO. OF PERSONS	75 ft. (mi)
03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 250			04 DISTANCE TO NEAREST OFF-SITE BUILDING 75 ft. (ft)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)
The site is located adjacent to a railroad corridor which is utilized by the industrial plants along South Ave. South and north of South Avenue are densely populated urban areas.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. 10^{-4} - 10^{-6} cm/sec ☒ B. 10^{-4} - 10^{-5} cm/sec ☐ C. 10^{-4} - 10^{-3} cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE (10^{-4} - 10^{-5} cm/sec) ☒ C. RELATIVELY PERMEABLE (10^{-2} - 10^{-4} cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

30 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

unknown (ft)

05 SOIL pH

5.1-5.5

06 NET PRECIPITATION

19 (in)

07 24 HOUR RAINFALL

7.5 event 100 yr

08 SLOPE
SITE SLOPE

0-3 %

DIRECTION OF SITE SLOPE

SE

TERRAIN AVERAGE SLOPE

0-3 %

09 FLOOD POTENTIAL

greater than
SITE IS IN 500 YEAR FLOODPLAIN

10

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

A. 3 (mi)

OTHER

B. 2 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

No endangered species within 7 miles (mi)

ENDANGERED SPECIES

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. 40 ft. (mi)

RESIDENTIAL AREAS: NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

B. 75 ft. (mi)

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

C. (mi) D. 20 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Surrounding area has gentle slopes if any, 0-3%. Underlying bedrock is predominantly soft red shale with sandstone interspersed. Soils are silty loams. Entire site is covered by relatively impervious surface coatings; concrete and asphalt.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analyses, reports)

U.S. G.S. Topographic maps 7'5" series
N.U.S. FIT II, site inspection 3/4/83
Geology and groundwater resources of Union Co., No. 76-73.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. SAMPLES TAKEN No samples were taken

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Air Quality	HNU photoionization detector; no measurements above background during the site inspection.

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF <u>Martin O'Neill, NUS Corp, Edison, NJ</u> <small>(Name of organization or individual)</small>
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS <u>Martin O'Neill, NUS Corp, Edison, NJ</u>

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

No other field data was collected.

VI. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis reports)

NUS FIT II Site Inspection 3/4/83



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D980530265

II. CURRENT OWNER(S)

PARENT COMPANY (If 300-CAD-9)

01 NAME ACP Trust			02 D+B NUMBER			08 NAME			09 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.) P.O. Box 222			04 SIC CODE 651-6512			10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE								
05 CITY Garwood			06 STATE NJ			07 ZIP CODE 07207			12 CITY			13 STATE			14 ZIP CODE		
01 NAME			02 D+B NUMBER			08 NAME			09 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			12 CITY			13 STATE			14 ZIP CODE		
01 NAME			02 D+B NUMBER			08 NAME			09 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			12 CITY			13 STATE			14 ZIP CODE		
01 NAME			02 D+B NUMBER			08 NAME			09 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			12 CITY			13 STATE			14 ZIP CODE		
01 NAME			02 D+B NUMBER			08 NAME			09 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			10 STREET ADDRESS (P.O. Box, RFD #, etc.)			11 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			12 CITY			13 STATE			14 ZIP CODE		

III. PREVIOUS OWNER(S) (List most recent first)

IV. REALTY OWNER(S) (If applicable; list most recent first)

01 NAME			02 D+B NUMBER			01 NAME			02 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			05 CITY			06 STATE			07 ZIP CODE		
01 NAME			02 D+B NUMBER			01 NAME			02 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			05 CITY			06 STATE			07 ZIP CODE		
01 NAME			02 D+B NUMBER			01 NAME			02 D+B NUMBER								
03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE			03 STREET ADDRESS (P.O. Box, RFD #, etc.)			04 SIC CODE								
05 CITY			06 STATE			07 ZIP CODE			05 CITY			06 STATE			07 ZIP CODE		

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sampling analysis, reports)

NUS Site Inspection 3/4/83
Interview with Charles Piscitelli, Warehouse Manager, ACP Trust



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II. CURRENT OPERATOR (Provide if different from owner)				OPERATOR'S PARENT COMPANY (If applicable)			
01 NAME ACP Trust		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) P.O. Box 222		04 SIC CODE 651-6512		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY Garwood		06 STATE NJ	07 ZIP CODE 07027	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION 8 yrs		09 NAME OF OWNER					
III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)				PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)			
01 NAME Bell Factory Terminal		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 608 South Ave.		04 SIC CODE 651-6512		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY Garwood		06 STATE NJ	07 ZIP CODE 07207	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION 4 yrs		09 NAME OF OWNER DURING THIS PERIOD					
01 NAME Magnus Chemical Co.		02 D+B NUMBER		10 NAME Economics Laboratory		11 D+B NUMBER 00-615-4611	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 608 South Ave		04 SIC CODE 284-2843		12 STREET ADDRESS (P.O. Box, RFD #, etc.) Osborn Building		13 SIC CODE 284-2843	
05 CITY Garwood		06 STATE NJ	07 ZIP CODE 07027	14 CITY St. Paul		15 STATE MN	16 ZIP CODE 55102
08 YEARS OF OPERATION 7 yrs.		09 NAME OF OWNER DURING THIS PERIOD		Obtained Magnus in 1964 Sold it in 1971			
01 NAME Magnus Chemical Co.		02 D+B NUMBER		10 NAME		11 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 608 South Ave		04 SIC CODE 284-2843		12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE	
05 CITY Garwood		06 STATE NJ	07 ZIP CODE 07027	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION 25		09 NAME OF OWNER DURING THIS PERIOD					

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA Region II Files, Edison, NJ 103 (C) Form
Janice Mileo, attorney for Economics Laboratory (612) 293-2283
Charles Piscitelli, Warehouse Manager, ACP Trust



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D0980530265

II. ON-SITE GENERATOR

01 NAME Magnus Chemical Co.		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.) 608 South Ave		04 SIC CODE 284-2843	
05 CITY Garwood	06 STATE NJ	07 ZIP CODE 07027	

III. OFF-SITE GENERATOR(S)

01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

IV. TRANSPORTER(S)

01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

V. SOURCES OF INFORMATION (Cite specific references, e.g., State Res. Sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION

01 STATE NJ 02 SITE NUMBER D980530265

M. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ D. SPILLED MATERIAL REMOVED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ E. CONTAMINATED SOIL REMOVED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ F. WASTE REPACKAGED

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ G. WASTE DISPOSED ELSEWHERE

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ H. ON SITE BURIAL

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ I. IN SITU CHEMICAL TREATMENT

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ J. IN SITU BIOLOGICAL TREATMENT

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ K. IN SITU PHYSICAL TREATMENT

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ L. ENCAPSULATION

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ M. EMERGENCY WASTE TREATMENT

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ N. CUTOFF WALLS

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ P. CUTOFF TRENCHES/SUMP

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history

01 ☐ Q. SUBSURFACE CUTOFF WALL

02 DATE _____

03 AGENCY _____

04 DESCRIPTION

No recorded history



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

L IDENTIFICATION

01 STATE 02 SITE NUMBER
NJ D980530265

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ S. CAPPING/COVERING
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ V. BOTTOM SEALED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ W. GAS CONTROL
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ X. FIRE CONTROL
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ Z. AREA EVACUATED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

01 ☐ 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE _____

03 AGENCY _____

No recorded history

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

NUS FIT II Site Inspection.
EPA Region II Files, Edison, NJ



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
NJ	D980530265

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

None

III. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis, reports)

NUS FIT II
Site Inspection 3/4/83

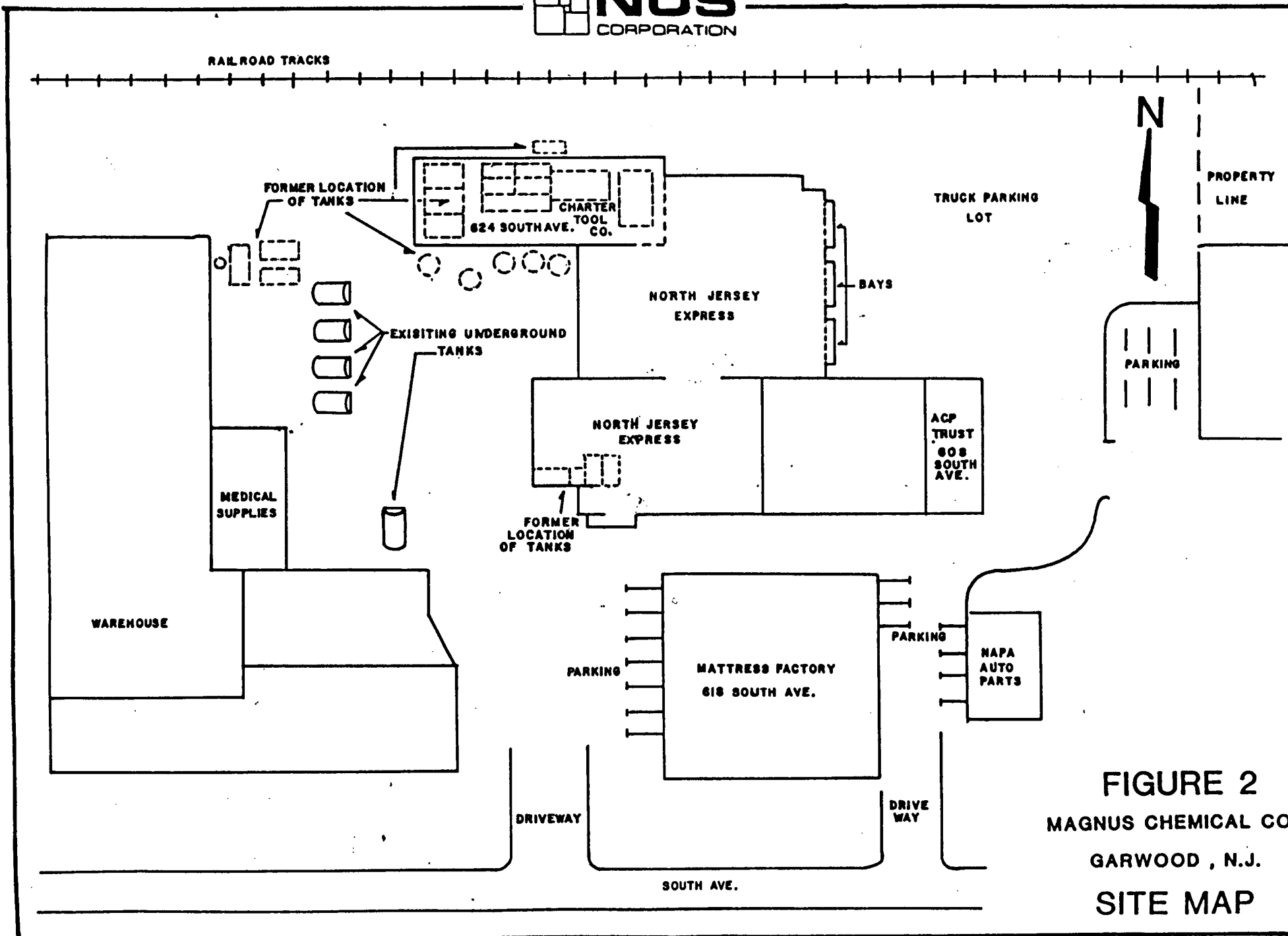


FIGURE 2
MAGNUS CHEMICAL CO.
GARWOOD , N.J.
SITE MAP

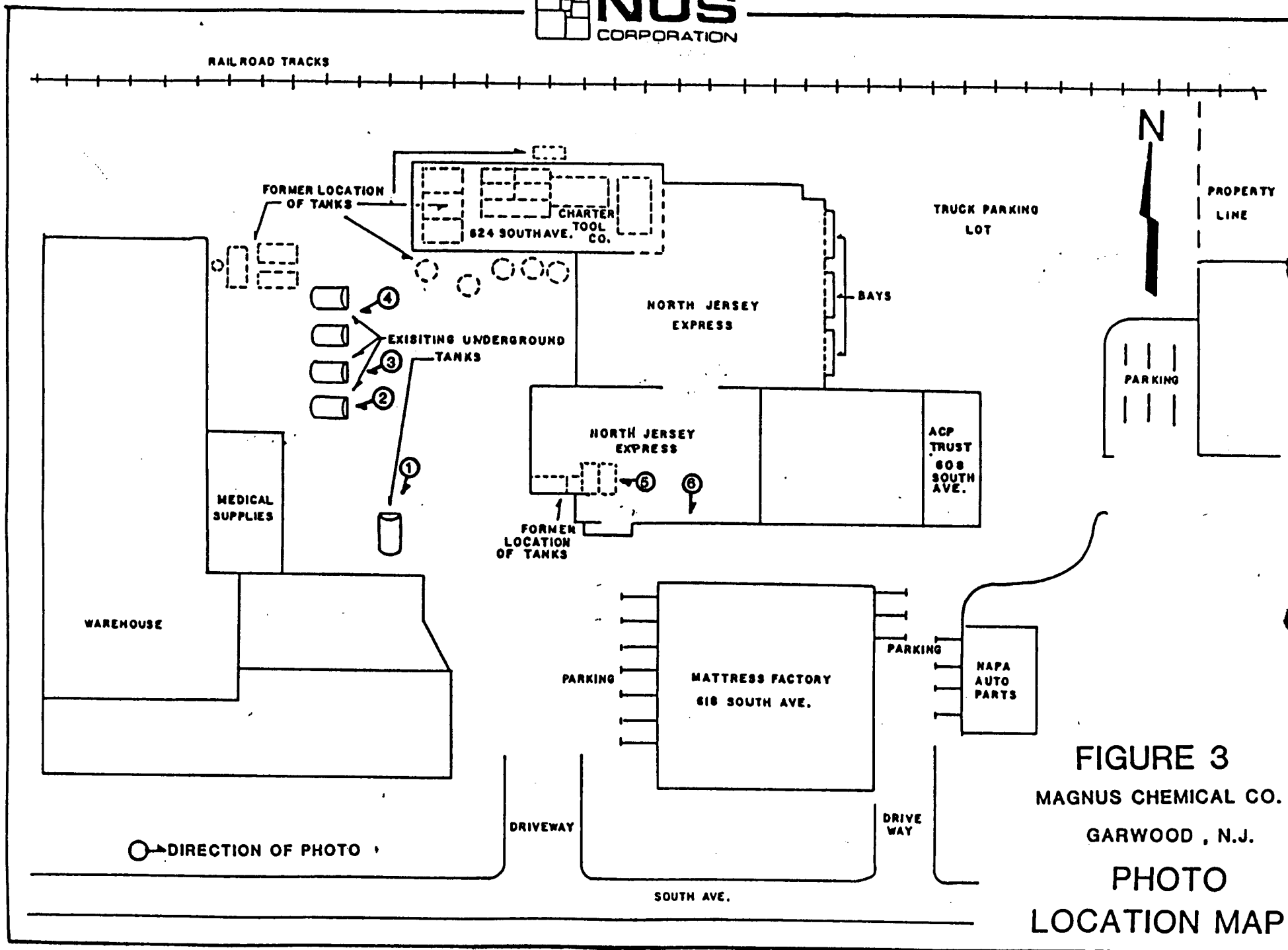


FIGURE 3
MAGNUS CHEMICAL CO.
GARWOOD , N.J.
PHOTO
LOCATION MAP

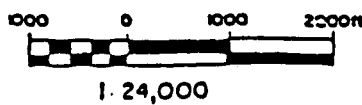
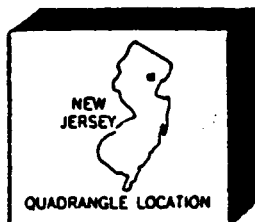
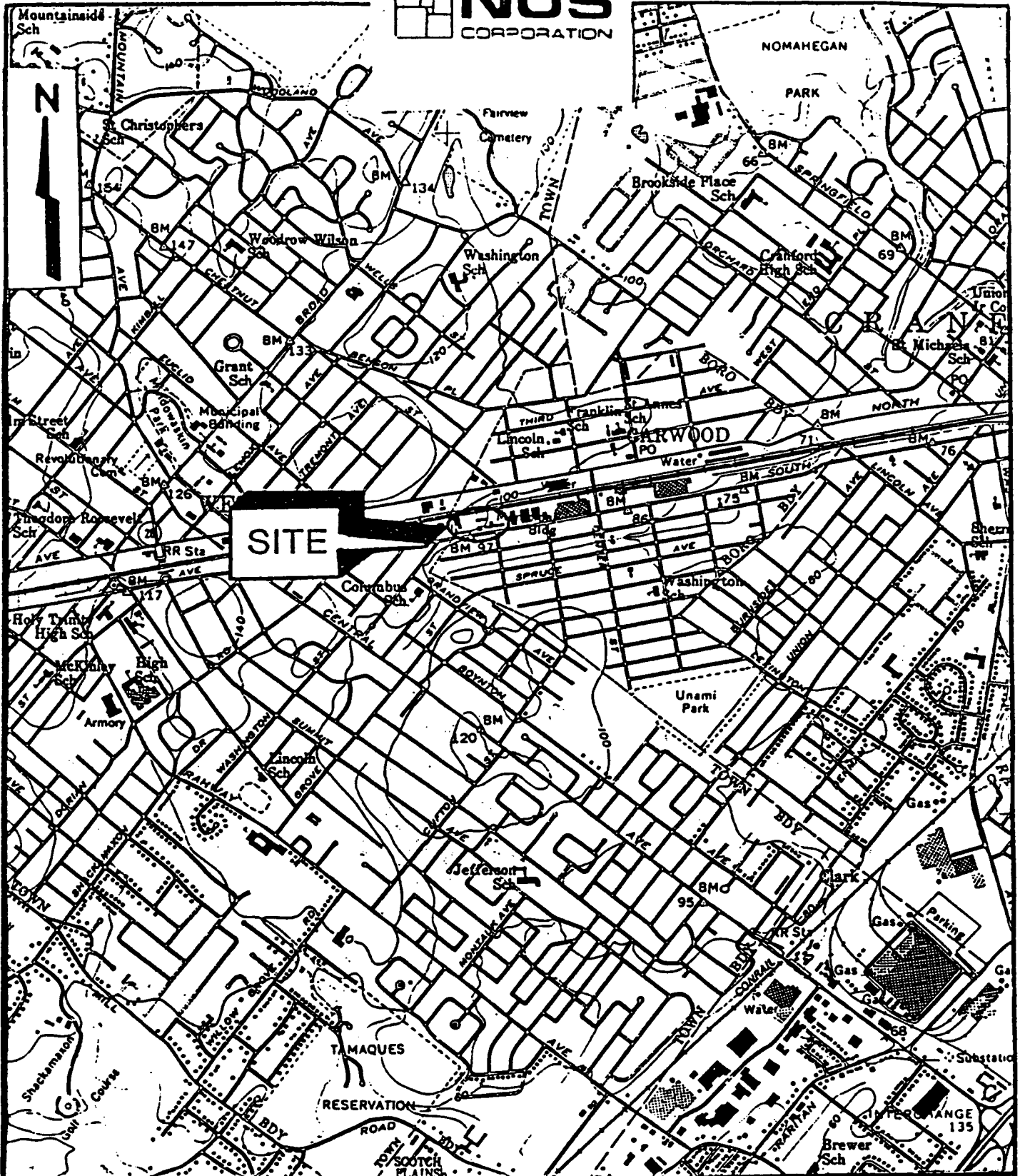


FIGURE 1
MAGNUS CHEMICAL
GARWOOD, N.J.

SITE LOCATION MAP

- PHOTOGRAPH INDEX -

MAGNUS CHEMICAL CO., GARWOOD, N.J.

TDD# 02-8301-34

3/4/83, 11:04 a.m.

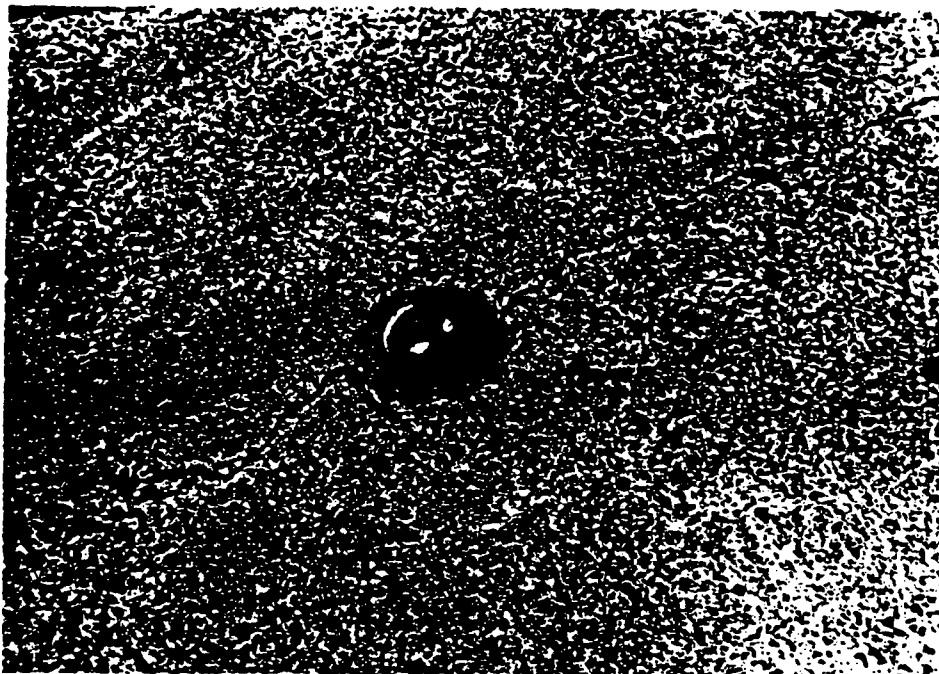
1. Fill cap for #1 underground storage tank.
2. Fill cap for #2 underground storage tank.
3. Fill cap for #3 underground storage tank.
4. Fill cap for #4 underground storage tank.
5. View of former location of above-ground, indoor storage tank.
6. View of former location of above-ground, indoor storage tank.



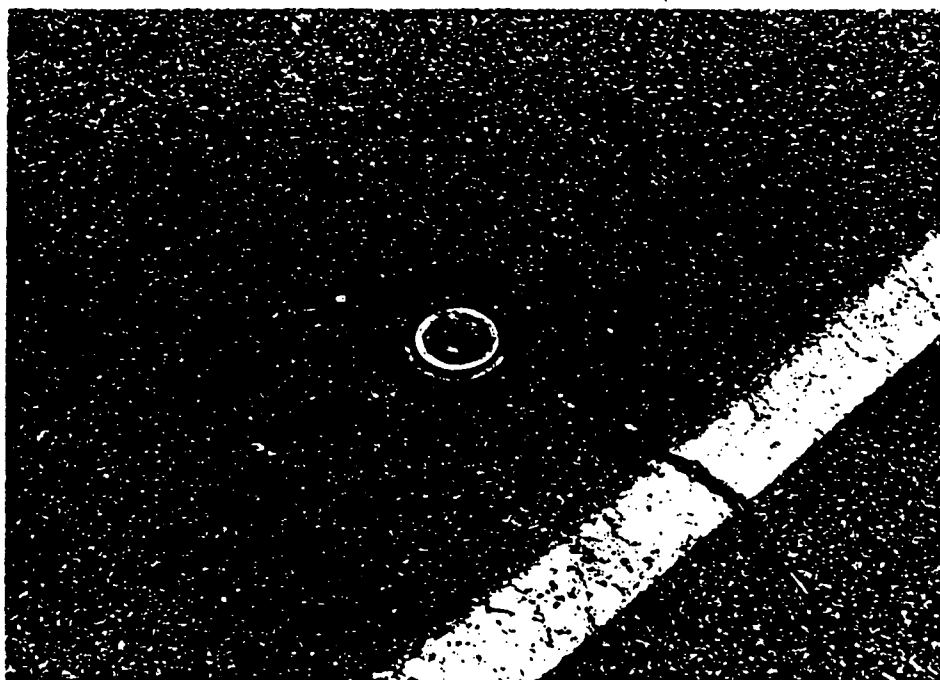
1. Fill cap for #1 underground storage tank. Magnus Chemical Co., Garwood, N.J., 3/4/83, 11:04 a.m.



2. Fill cap for #2 underground storage tank. Magnus Chemical Co., Garwood, N.J., 3/4/83, 11:04 a.m.



3. Fill cap for #3 underground storage tank. Magnus Chemical Co., Garwood, N.J., 3/4/83, 11:04 a.m.



4. Fill cap for #4 underground storage tank. Magnus Chemical Co., Garwood, N.J., 3/4/83, 11:04 a.m.

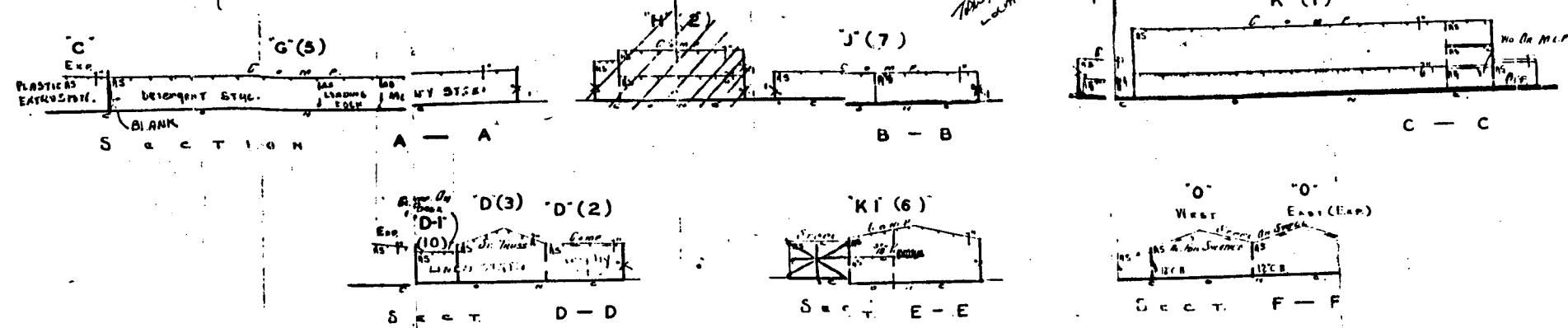


5. View of former location of above-ground,
indoor storage tanks. Magnus Chemical
Co., Garwood, N.J., 3/4/83, 11:00 a.m.

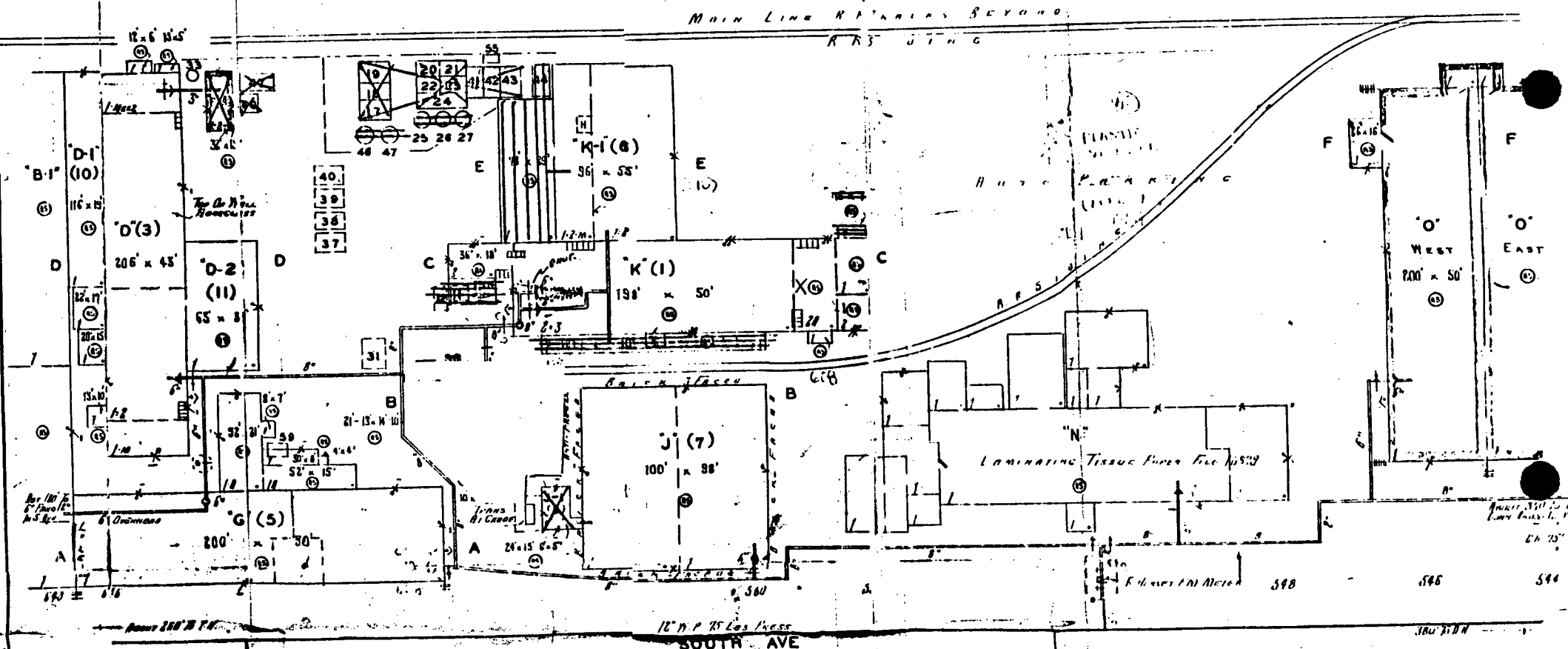


6. View of former location of above-ground, indoor storage
tanks. Magnus Chemical Co., Garwood, N.J., 3/4/83, 11:00 a.m.

Tank Locations



Tank No.	CAPACITY	CONTENTS
10	1000 GALS	NAPHOL SPIRITS
11	6000	46 MINO. SPIRITS
12	"	ISOPHAR H
17	10,000	FUEL OIL No. 2
18	"	SUPER MAGNUSOL
19	"	"
20	5000	MOODSOL No. 30
21	"	No. 198
22	"	HEAVY AROMATIC NAPHTH
23	"	"
24	10,000	MAGNUSOL X-4
25	5200	MINERAL SEAL OIL
26	"	215-D
27	5000	ISOPHAR K
30	10,000	No. 755
31	10,575	CAUSTIC LIQUID POTASH
32	8000	EMPTY
33	10,000	FUEL OIL
34	"	CHEBYLIC ACID 55%
35	"	"
36	"	KEADBERG
37	"	CORAY 40
38	"	MIXING TANK
39	"	FINE OIL
40	"	BRIND B. CHROMORENE
41	"	"
42	"	"
43	"	"
44	"	"
45	"	"
46	"	"
47	8,300	SULPHURIC ACID
48	1500	FUEL OIL
49	5000	PHOSPHORIC ACID
50	10,000	CAUSTIC SODA Lp. 50%
51	1,800	EMPTY



CONFIDENTIAL INFORMATION
Only the members and subsidiaries or their authorized employees, agents or plans shall not be called for information regarding this and shall not be given to anyone other than those authorized to use them.

NOTE:
BUILDING LETTERS BY OWNER
AND NUMBERS BY OCCUPANTS

BELL FACTORY TERMINAL INC.
GARWOOD UNION CO. N. J.
110 DAINETROG SCALE 1" = 50' Nov 4, 1968

REVISOR JUNE 23, 1976

Magnus Chemical Co.

608 South Avenue Windshield Survey 9/13/87

in Bell Factory Terminal complex

608 seems vacant, plastic on insides of windows
area around building is paved

rear of building is a garage or warehouse

RR tracks in rear, not used because trucks are
parked on tracks

3 square patches of newer paving are visible at
the approximate location of old ^{oil} tanks

One tank fill line was visible at the approx-
imate location of the old ^{oil} tanks

610 ~~610~~ in rear is North Jersey Express Trucking Co.

One fuel pump was visible, not known if it is
operational, may be serviced by an underground tank.

Sign 624-632 Bell Factory Terminal

624 Charter Tool

628 Inter Innovation Inc.

632 D.J. Hartnett and Co

632 Textiles by Petersen Co.

618 New Mints (Sportsweat)

632 Spruce Industries (Sanitary Products)

650 Team Plastics Inc.

Spoke to Carol at Tax Assessors Office 9/3/87

201 789-0710

she has no listing for 608 South Ave.

Said to talk to Tax Assessor

Leonard Distefano

on 1st-3rd Tuesday of the month

7:00 - 9:00 pm.

(201) 789-3438

~~To EPA~~

Spoke to Bob Scotto at NUS about the SI 8/7/87

Said call Diana Messina at EPA

Spoke to Diana Messina at EPA (201) 321-6776 8/7/87

FIT Project Manager Surveillance & Monitoring Branch

the files are Archived come up next week

Went to EPA Edison 8/12/87

Spoke to ^{Westfield}~~Union County~~ Health Department 8/12/87

(201) 232-8000

no info

To Central Files DWR

8/7/87

no info

Magnus Chemical Co. 1939-71

AKA Economics Laboratory 1964-71

Bell Factory Terminal 1971-1975 no phone listing

ACP Trust 1975-? phone # in PA no longer
in service

Charter Tool

(201) 789-3137

North Jersey Express

(201) 789-1330

Alfred Piscitelli = 688-5312
688-9109

Piscitelli Sewer & Contracting
1610 Vaux Hall Rd. Union

Owens. Bell Factory Terminal

documents of underground tank removals and
filling with sand.

How are the properties numbered

when was site paved?

when was RR siding on 1976 map paved?

How much of that building was occupied by

Economics Lab / Magnus Chemical?

Has the same companies been there since 1971?

Piscitelli: bought ^{property} ~~gotten~~ ~~and~~ renovated.

No one in offices now, rest of building is
occupied by North Jersey Express and Charter Tool

Building Rept. Garwood (201) 789-3438

9-10-87 no files try Tax Assessor

Garwood File Rept. (201) 789-8877

offie Fire Safety recording @ 3:40 9-10-87

9-14-87 Bill Toth returned my call

Economics Laboratory, Inc.

9-15-87

Osborn Building, 370 Wabasha

St. Paul Mn 55102 (612) 293-2233

gave me these telephone numbers:

call McM-gill Chemical - purchased Magnus 1 1/2 yrs ago

ordering supplies: 1800-328-9745 - said go thru E.L. Inc.

offices: (216)-486-5300 - said go thru E.L. Inc.

they wouldn't have records that old.